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TITLE: AUTOMATIC GENERATION SYSTEM FOR PROGRAM SPECIFICATIONS

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ABSTRACT:

PURPOSE: To automatically generate the easy-to-understand specifications from a program by extracting previously the comment information described in the program in response to a line No. and adding the comment information to the specifications to be automatically generated.

CONSTITUTION: The comment information 5 is extracted from the program inputted through a comment extracting part 3 in response to a line No. at syntactic analysis. Then a comment addition part 7 applies a syntactic analysis to the input program and adds the information 5 to an intermediate expression 6 generated with addition of the line No. based on the line No. of the extracted information 5. A specifications generating part 8 generates automatically the specifications with comments based on the expression 6 including the information 5. Thus the easy-to-understand specifications can be automatically obtained.

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